



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129600-B

Mode: Highway

Status: Submitted

I-26

From/Cross Street: North of SR 3548 (Haywood Road)

Specific Improvement Type: 8 - Improve Interchange

To: US 19/23/70

Project Category: Statewide Mobility

Length: 2

TIP#: I-2513B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$229,000,000

Description:

Construct Multi-Lane Freeway, Part on New Location

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 46.63

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 66.70 Economic Competitiveness (10%) 23.59 Multimodal + [Freight & Military] (20%) 35.01 [Travel Time] Benefit/Cost (30%) 2.00 Congestion (V/C) (30%) 100.00	N/A	N/A
Totals: Weight: 100% Weighted Score: 46.63		

Regional Impact Total Score: 51.65

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 100.00 Safety (10%) 66.70 [Travel Time] Benefit/Cost (25%) 2.00 Accessibility / Connectivity (10%) 44.79	Percent: 15% Points: 100	Percent: 15% Points: 0
Totals: Weight: 70% Weighted Score: 36.65		

Division Needs Total Score: 27.07

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 100.00 Safety (10%) 66.70 [Travel Time] Benefit/Cost (20%) 2.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 27.07		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	53
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	8
Roadway has Curb & Gutter?	Yes
Volume (AADT):	134355.49
Capacity:	152327.66
Volume/Capacity Ratio:	0.88
% Autos:	95%
% Trucks:	5%
Truck Volume:	7001.64
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	66.7
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	66
Actual Congested Speed:	39.26
Travel Time Index:	1.4

Project Benefits

Project Cross-Section:	
Speed Limit:	60
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	20362000
Travel Time Savings for 30 Years (Autos):	19300878.72
Travel Time Savings for 30 Years (Trucks):	1061121.28
Long-Term Employment:	381
% Change in Economy:	9.08E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$180,500,000	TIP Unit
Right-of-Way Cost:	\$49,500,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$230,000,000	
Other Funding:	\$1,000,000	City of Asheville
Cost to NCDOT :	\$229,000,000	